

REMARKS & ARGUMENTS

Favourable reconsideration of this application is respectfully requested in view of the above amendments and the following remarks.

The Examiner has rejected claims 1, 3 - 13, 17 as being anticipated by Standal (US Patent 2,972,364). The Examiner is requested to reconsider the rejection in view of the above amendments and the following comments.

It is respectfully submitted that the dimples in the Standal patent do not have a dimple with "a dimple leading edge, a dimple leading edge plane, a top upwardly curved portion and a surface that is shaped inwardly from the top curved portion forming a curved plane having a radius of curvature that decreases as the distance from the leading edge increases and the tooth having a positive rake defined by the dimple" as claimed in amended claim 1. Specifically the upper portion of the Standal tooth has a face 19 that is concave and slopes away from the front cutting edge rearwardly and inwardly (column 2 lines 47 - 49). However it is also clear from the drawings that the radius of curvature of this face is constant as evidenced by the drawings. This configuration of tooth provides generally sharp cutting edges along edges 23, 24, 26 and 27. This is particularly important when considering the objective of the Standal patent which is to provide a saw for logs in such a way that the waste will be wood chips suitable for the pulp wood industry. Thus Standal has focused on the cutting action on the side of the teeth. Further the configuration of the leading edge is generally a conventional leading edge.

More specifically, since the Standal tooth has additional cutting edges beyond saw blade edge 20, additional edges being edges 23, 24, 26 and 27, and since these additional edges are on the lateral sides of the tooth, and since the additional edges are largely parallel to each other, any feature that Standal employs to improve the performance of these additional edges needs to apply equally to all edges, so must be

itself a symmetrical and constant feature. The constant radius of curvature aspect of the curve to face 19 shows up in Standal figures 3 and 6. In figure 3, the curved line 19 is the same as curved line 23 and in figure 6, that upper boundary to face 19 is the same as the curved line 20. In contrast the tooth of the present invention has only one cutting edge (where the sides of the tooth do not cut), any feature that is employed needs only to satisfy the requirements of that one edge only.

It is submitted that this is quite different from the amended claim 1 wherein the configuration of the tooth and in particular the position and shape of the dimple is in regard to the curved cutting edge. It is submitted that there is nothing in the Standal patent that discloses a dimple which has a dimple leading edge, a dimple leading edge plane, a top upwardly curved portion and a surface that is shaped inwardly from the top curved portion forming a curved plane having a radius of curvature that decreases as the distance from the leading edge increases and the tooth having a positive rake defined by the dimple.

Accordingly it is respectfully submitted that claim 1 is patentable over Standal. Further it is submitted that all claims dependent thereon are similarly patentable. It is submitted that claims 14 - 17 are directed to specific configurations of the dimple and that they all further define different species of claim 1. Accordingly since it is submitted that claim 1 is patentable over the prior art it is submitted that all claims including claims 14 - 17 are similarly patentable.

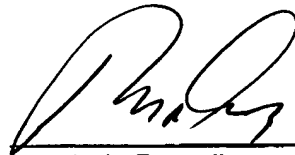
Applicant submits that the amendments to the application are to more clearly and succinctly recite and claim the present invention. It is respectfully submitted that no new matter has been added by these amendments and all the amendments are supported by the original specification as a whole.

It is respectfully submitted that the application is now in condition for allowance, which is requested.

Respectfully submitted,

Dated: 1/6/04

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ATTORNEY'S DOCKET NO.: 13744 (253-009-P)